



STIC Search Report

EIC 3700

STIC Database Tracking Number: 148215

**TO: Linda Sholl
Location: RND 8a31
Art Unit: 3700
Monday, March 21, 2005**

Case Serial Number: 10/706488

**From: Terry Solomon
Location: EIC 3700
RND 8b31
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Search Notes

No current or past litigation found involving US pat. 6561991.

Sources:

Lexis/Nexis
Questel-Orbit

739222 (09) 6561991 May 13, 2003

Time of Request: March 18, 2005 01:22 PM EST

Research Information:

Utility, Design and Plant Patents
patno=6561991

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6561991

May 13, 2003

Non-invasive method and system of quantifying human postural stability

REISSUE: November 12, 2003 - Reissue Application filed Ex. Gp.: 3746; Re. S.N. 10/706,488 (O.G. January 20, 2004)

APPL-NO: 739222 (09)

FILED-DATE: December 19, 2000

GRANTED-DATE: May 13, 2003

ASSIGNEE-AT-ISSUE: The Research Foundation of the State University of New York (SUNY), Stony Brook, New York, 02

ASSIGNEE-AFTER-ISSUE: December 19, 2000 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., RESEARCH FOUNDATION OF SUNY, THE OFFICE OF TECHNOLOGY LICENSING AND INDUSTRY RELATIONS STONY BROOK NEW YORK 11794, Reel and Frame Number: 11383/0081

LEGAL-REP: Dilworth & Barrese, LLP - ##0

Selected file: PLUSPAT
PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
Comprehensive Worldwide Patents database

**** SS 1: Results 1**
PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

Patent Number :

US2002077567 A1 20020620 [US20020077567]

Patent Number 2 :

US6561991 B2 20030513 [US6561991]

Title :

(A1) Non-invasive method and system of quantifying human postural stability

Patent Assignee :

(B2) UNIV NEW YORK (US)

Patent Assignee :

The Research Foundation of the State University of New York (SUNY),
Stony Brook NY [US]

Patent Assignee 2 :

(B2) UNIV NEW YORK (US)

Inventor(s) :

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Application Nbr :

US73922200 20001219 [2000US-0739222]

Priority Details :

US73922200 20001219 [2000US-0739222]

Intl Patent Class :

(A1) A61B-005/103

EPO ECLA Class :

A61B-005/103P

A61B-005/103R

US Patent Class :

ORIGINAL (O) : 600587000; CROSS-REFERENCE (X) : 600552000

Document Type :

Basic

Citations :

US4195643; US5103806; US5125412; US5191880; US5271416; US5273028;

US5337757; US5376065; US5412987; US5662118; US5964719; US6234975;

WO9907280

Publication Stage :

(A1) Utility Patent Application published on or after January 2, 2001

Publication Stage 2 :

(B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001

Abstract :

A non-invasive method for evaluating a musculoskeletal system of a patient is provided which includes the steps of: providing a vibration measurement device in proximity to a non-rigidly supported platform; measuring a vibrational response of the patient's musculoskeletal system using the vibration measurement device after the patient rests on the non-rigidly supported platform; performing a frequency decomposition of the vibrational response to quantify the vibrational response into specific vibrational spectra; and analyzing the vibrational spectra to evaluate muscle strength, postural stability and bone density. A non-invasive physiologic vibration quantification system is also provided for evaluating the musculoskeletal system of the patient. The system includes vibration means for externally transferring vibrations to the musculoskeletal system and including a vibration measurement device for measuring a response by the musculoskeletal system in accordance with the vibrations transferred by the vibration means and for forming signals representative of the musculoskeletal system response; and an analyzer coupled to the vibration measurement device

for receiving the signals from the vibration measurement device and developing a frequency spectrum associated with the signals. The frequency spectrum provides vibrational quantification of the musculoskeletal system for evaluating at least postural stability.

Update Code :

2002-26

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Patent Number :

US2002077567 A1 20020620 [US20020077567]

US6561991 B2 20030513 [US6561991]

Application Number :

US73922200 20001219 [2000US-0739222]

Action Taken :

20001219 US/AS-A

ASSIGNMENT

OWNER: RESEARCH FOUNDATION OF SUNY, THE OFFICE OF TECHNOLOGY; EFFECTIVE DATE: 20001211

ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS: MCLEOD, KENNETH J.; RUBIN, CLINTON T.; REEL/FRAME: 011383/0081

20040120 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20031112

Update Code :

2004-31

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,561,991 A 20030513 [US6561991]

Patent Assignee :

New York, State University of Research Foundation of

Actions :

20031112 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040120

REISSUE REQUEST NUMBER: 10/706488

EXAMINATION GROUP RESPONSIBLE FOR REISSUE PROCESS: 3746

Reissue Patent Number:

Session finished: 18 MAR 2005 Time 20:32:15

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